

Figure 1

Specific Polyclonal antibodies for ING2 and ING1 by ELISA

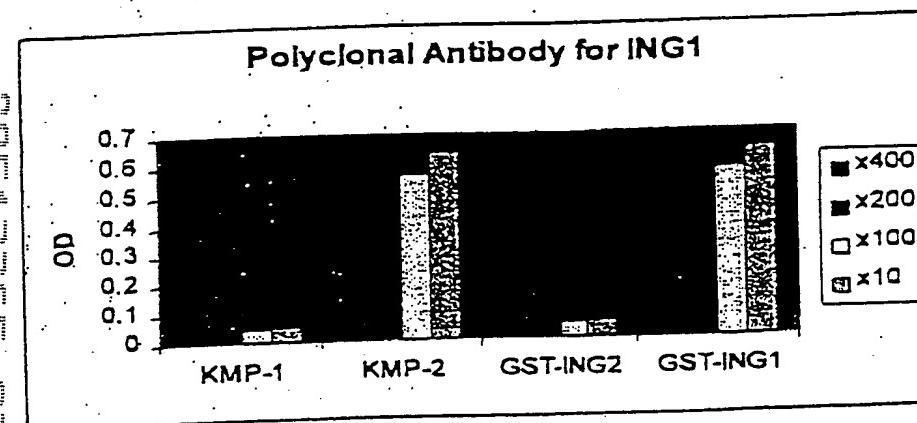
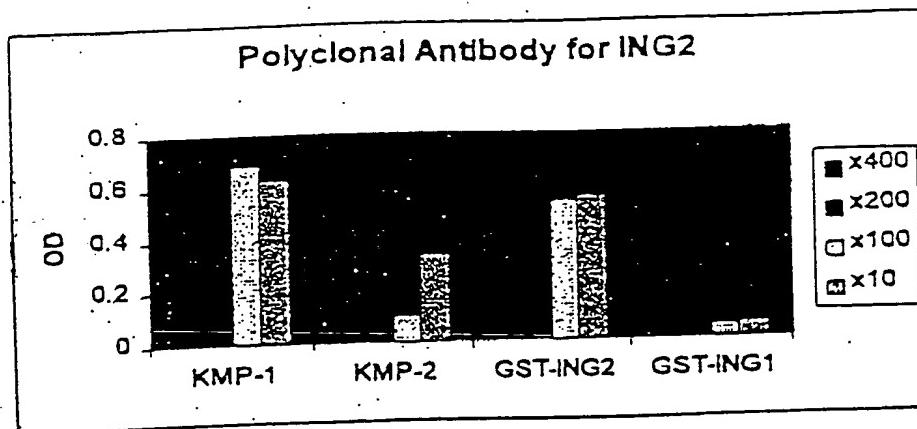


Figure 2

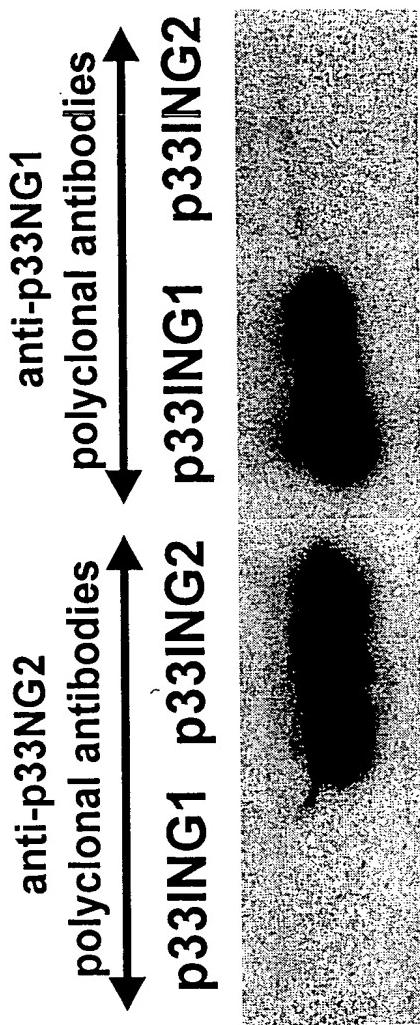


Figure 3

ING2 inhibits cell growth of HCT116 cell line by Colony Formation Assay.

We constructed ING2 and anti-ING2 mammalian expression vectors (CMV promoter, Neomycin resistant). We transfected them into human colon cancer cell line, HCT116. Transfected cells were selected by Neomycin and ING2 inhibitory effect for cell growth was determined by Colony Formation Assay.

HCT116: human, hereditary non-polyposis colon cancer cell line, wt p53

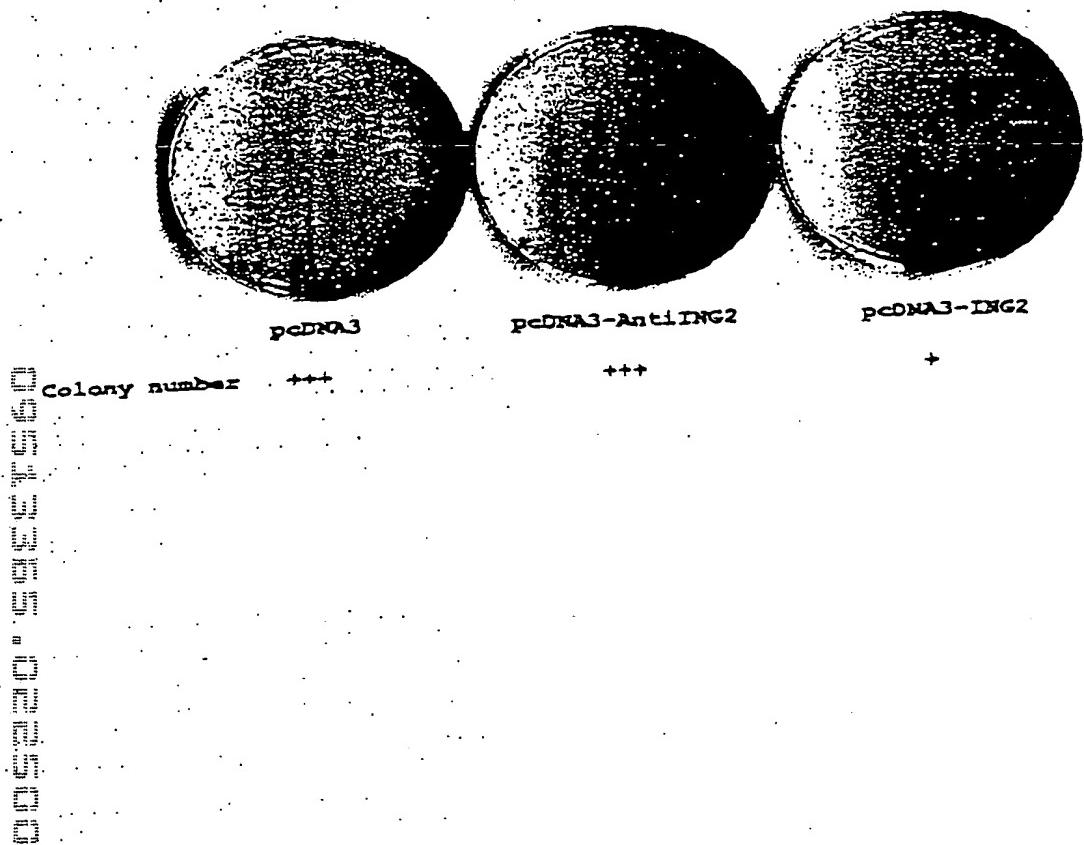


Figure 4

p33ING2 protein was induced by topoisomerase II inhibitor, etoposide.
(p33ING1 was not induced.)

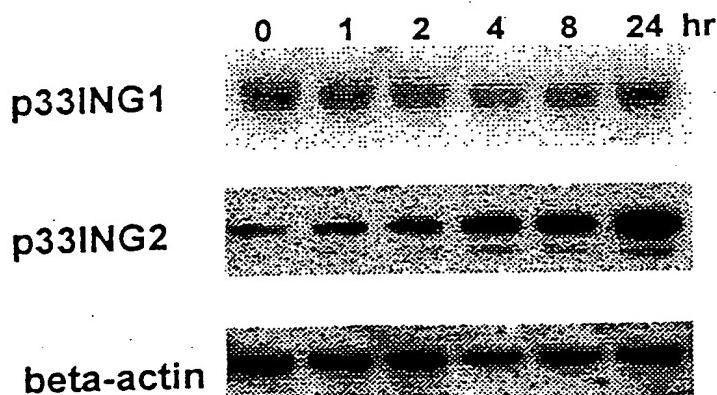
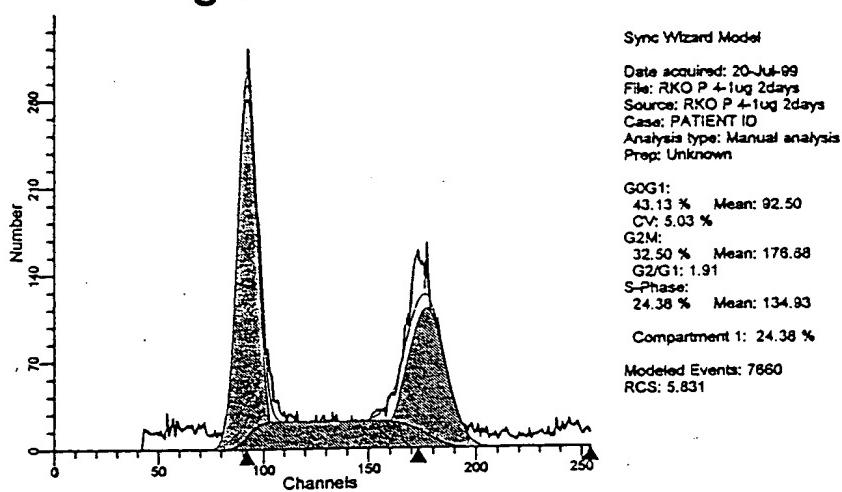
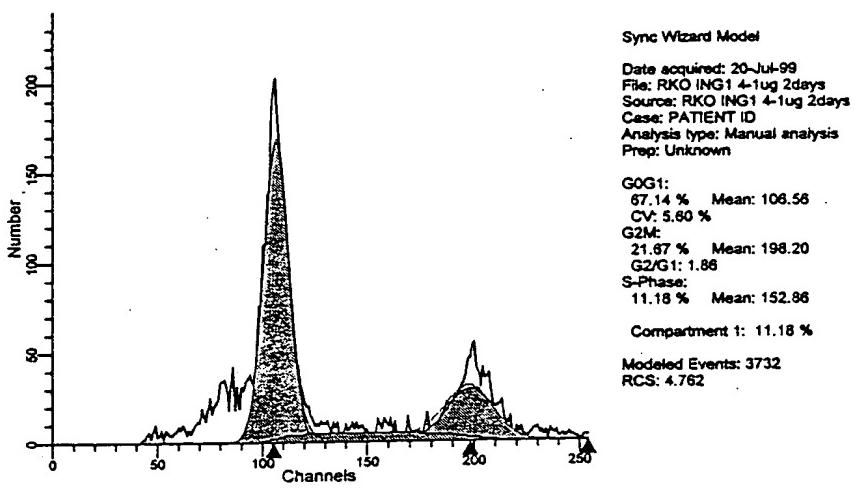


Figure 5

RKO
pcDNA3.1 (control)



RKO
p33ING1



RKO
p33ING2

